

## **DETAILED ACTION**

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Delete "S:\DOCS\JFK\JFK-2800.DOC 120103" in the last line in the abstract section.

### ***Allowable Subject Matter***

2. Claims 18, 20-24, 34-42, and 51-79 are allowed over prior art of record. The following is an examiner's statement of reasons for allowance: Kriechbaum et al. (US 6975985) disclose a method of testing a speech recognizer, the method comprising: receiving a selected portion of a digital audio data file (*element 300 in figure 4*); receiving a grammar having a set of responses expected to occur in the selected portion (*SRS or speech recognition system 500 in figure 4 inherently includes a set of grammar*); based at least in part on the selected portion and the grammar, producing a decode result of the selected portion (*result of the speech recognition system 500 in figure 4 is the decoded result*); receiving a transcript of the selected portion (*True transcript 520 in figure 4*); and scoring the decode result based at least in part on the transcript (*Aligner 550 in figure 4*). Galanes et al. teach each audio file comprising

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audio recorded in response to a first prompt by a speech recognition application (*col. 17, line 30 to col. 18-67, user is prompted for speech input*); and receiving a grammar associated with the first prompt, the grammar comprising a plurality of concepts, each concept having a set of phrases organized under a single idea, the idea representing an expected response to the first prompt (*col. 17, line 30 to col. 18-67, grammars are in association with prompt; so when a particular prompt is activated, its associated grammars are also activated for used by the speech recognizer, and the grammars includes a plurality of concepts (e.g. departure city, date, time etc.)*). Both Kriechbaum et al. and Galanes et al. fail to specifically disclose modifying the grammar based on the scoring of the first recognition result of each audio data file; producing a second recognition result for each audio data file based on the modified grammar using the speech recognizer; using the user-defined transcript of each audio data file to score the second recognition result for each audio data file; comparing the scoring of the first recognition result with the second result for each audio data file; and outputting the first or second recognition result for each audio data file based on the comparison.

Furthermore, it would have not been obvious to one of ordinary skill in the art at the time of invention to modify Kriechbaum et al. and/or Galanes et al. by modifying the grammar based on scoring of a first recognition result, then producing a second recognition result using the modified grammar, and again scoring the second recognition result using user-defined transcript, and finally comparing the first recognition result with the second recognition result to determine a final result. Therefore, claims are 18, 20-24, 34-42, and 51-79 are allowed over prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUYEN X. VO whose telephone number is (571)272-7631. The examiner can normally be reached on M-F, 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Edouard can be reached on 571-272-7603. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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